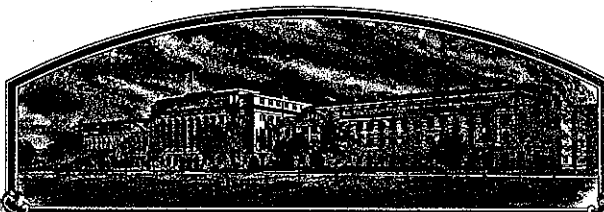


No.

8600080



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Nickerson American Plant Breeders, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *eighteen* YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS BY THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

WHEAT

'Celtic'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D. C. this 30th day of June in the year of our Lord one thousand nine hundred and eighty-eight.

Attest:

Kenneth A. Evans
Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Richard E. Lyng
Secretary of Agriculture



U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

FORM APPROVED: OMB NO. 0581-0055

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions on reverse)

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).


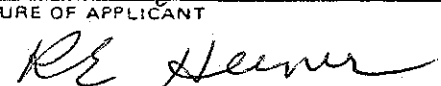
1. NAME OF APPLICANT(S) Nickerson American Plant Breeders Inc.		2. TEMPORARY DESIGNATION HS81-55		3. VARIETY NAME Celtic			
4. ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code) 5201-Johnson Drive, P.O. Box 2955 Mission, KS 66201		5. PHONE (Include area code) 913-384-4940 (KS) 303-532-3721 (CO)		FOR OFFICIAL USE ONLY PVPO NUMBER 8600080			
6. GENUS AND SPECIES NAME Triticum aestivum L.		7. FAMILY NAME (Botanical) Gramineae		FILING DATE <u>March 10, 1986</u> TIME <u>11:00</u> <input checked="" type="checkbox"/> A.M. <input type="checkbox"/> P.M.			
8. KIND NAME Hard Red Spring Wheat		9. DATE OF DETERMINATION 1) Spring of 1981 2) Spring of 1984		FEES RECEIVED AMOUNT FOR FILING \$ <u>1800.00</u> DATE <u>March 10, 1986</u> AMOUNT FOR CERTIFICATE \$ <u>200.00</u> DATE <u>May 16, 1988</u>			
10. IF THE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, association, etc.) Corporation				12. DATE OF INCORPORATION January 19, 1983			
11. IF INCORPORATED, GIVE STATE OF INCORPORATION Delaware				12. DATE OF INCORPORATION January 19, 1983			
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS <table style="width:100%;"> <tr> <td style="width:50%;"> R.E. Heiner P.O. Box 2955 Mission, KS 66201 (913) 384-4940 </td> <td style="width:50%;"> R.F. Bruns or C.L. Bruns P.O. Box 30 Berthoud, CO 80513 (303) 532-3721 </td> </tr> </table> PHONE (Include area code):						R.E. Heiner P.O. Box 2955 Mission, KS 66201 (913) 384-4940	R.F. Bruns or C.L. Bruns P.O. Box 30 Berthoud, CO 80513 (303) 532-3721
R.E. Heiner P.O. Box 2955 Mission, KS 66201 (913) 384-4940	R.F. Bruns or C.L. Bruns P.O. Box 30 Berthoud, CO 80513 (303) 532-3721						
14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED a. <input checked="" type="checkbox"/> Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.) b. <input checked="" type="checkbox"/> Exhibit B, Novelty Statement. c. <input checked="" type="checkbox"/> Exhibit C, Objective Description of Variety (Request form from Plant Variety Protection Office.) d. <input checked="" type="checkbox"/> Exhibit D, Additional Description of Variety. e. <input checked="" type="checkbox"/> Exhibit E, Statement of the Basis of Applicant's Ownership. f. <input checked="" type="checkbox"/> Exhibit F, Quality Data							
15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section 83(a) of the Plant Variety Protection Act.) <input checked="" type="checkbox"/> Yes (If "Yes," answer items 16 and 17 below) <input type="checkbox"/> No							
16. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			17. IF "YES" TO ITEM 16, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED? <input checked="" type="checkbox"/> Foundation <input checked="" type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified				
18. DID THE APPLICANT(S) PREVIOUSLY FILE FOR PROTECTION OF THE VARIETY IN THE U.S.? <input type="checkbox"/> Yes (If "Yes," give date) <input checked="" type="checkbox"/> No							
19. HAS THE VARIETY BEEN RELEASED, OFFERED FOR SALE, OR MARKETING IN THE U.S. OR OTHER COUNTRIES? <input type="checkbox"/> Yes (If "Yes," give names of countries and dates) <input checked="" type="checkbox"/> No							
20. The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable. The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act. Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.							
SIGNATURE OF APPLICANT 				DATE 2-24-86			
SIGNATURE OF APPLICANT 				DATE 2-27-86 1			

EXHIBIT A

ORIGIN AND BREEDING HISTORY OF CELTIC

Celtic originated from the cross 'Angus/Len' which was made at Berthoud, Colorado in 1978. F2 selections from this cross were advanced in the greenhouse through the F4 generation by single seed descent. The original bulk was from a single F5 head-row selection made at an AgriPro breeding nursery in Hunter, North Dakota. This bulk was entered into yield trials in 1981 under the experimental number HS81-55. This line has been tested in AgriPro nurseries of the Red River Valley from 1978 through 1985. It has been tested in the Uniform Regional Nursery in 1984 and 1985. It has also been tested in North and South Dakota and Minnesota state nurseries in 1985.

Two hundred heads were pulled from the F8 generation of the original bulk in the 1982 season. These were grown in head-rows for initial purification at Berthoud, Colorado in 1983. Of these, 6% were discarded due to height. In the 1984 season, the remaining bulked head-rows were grown to produce the breeder seed lot.

Celtic is uniform and pure. Less than .5% of the plants have been rogued from the breeder seed field in 1984. Of these rogued plants 95% were 3 to 5 centimeters taller than Celtic. Less than .5% of these taller plants may be expected in subsequent generations.

EXHIBIT B

NOVELTY STATEMENT

Celtic is most similar to the hard red spring wheat 'Len'. However, it can be distinguished by the following morphological characteristics:

- Celtic has a long glume length; Len has a medium glume length, (see statistical data page 1).
- Celtic and Len both have an acuminate beak type; however, they differ significantly in length, (see statistical data on page 2).

page 1

A.N.O.V.A. TABLE FOR GLUME LENGTH

CELTIC VS. LEN

<u>Source</u>	<u>df</u>	<u>ss</u>	<u>ms</u>
Total	49	15.514	
Var	1	2.465	2.46491**
Error	48	13.049	0.27185

F-Test = 9.067**

CV = 0.699

LSD(5%) = 0.059

MEANS FOR EACH VARIETY

Len 1 Mean: 8.396 mm
 Celtic 2 Mean: 8.840 mm

** The probability that the difference in means of glume length are significantly different at the 1% alpha level.

page 2

A.N.O.V.A. TABLE FOR BEAK LENGTH

CELTIC VS. LEN

<u>Source</u>	<u>df</u>	<u>ss</u>	<u>ms</u>
Total	49	246.481	
Var	1	92.753	92.75289**
Error	48	153.728	3.20267

F-Test = 28.961**

CV = 3.085

LSD(5%) = 0.202

MEANS FOR EACH VARIETY

Len	1 Mean:	8.648 mm
Celtic	2. Mean:	5.924 mm

** The probability that difference in means of beak length are significantly different at the 1% alpha level.

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, MEAT, GRAIN & SEED DIVISION
BELTSVILLE, MARYLAND 20705

EXHIBIT C
(Wheat)

OBJECTIVE DESCRIPTION OF VARIETY
WHEAT (TRITICUM SPP.)

INSTRUCTIONS: See Reverse.

NAME OF APPLICANT(S)

FOR OFFICIAL USE ONLY

PVPO NUMBER

8600080

VARIETY NAME OR TEMPORARY DESIGNATION

Celtic

Nickerson American Plant Breeders Inc.

ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code)

5201 Johnson Drive, P.O. Box 2955
Mission, KS 66201

Place the appropriate number that describes the varietal character of this variety in the boxes below.
Place a zero in first box (e.g., 0 8 9 or 0 9) when number is either 99 or less or 9 or less.

1. KIND:

1 1 = COMMON 2 = DURUM 3 = EMMER 4 = SPELT 5 = POLISH 6 = POULARD 7 = CLUB

2. TYPE:

1 1 = SPRING 2 = WINTER 3 = OTHER (Specify) 2 1 = SOFT 2 = HARD 3 = OTHER (Specify)

2 1 = WHITE 2 = RED 3 = OTHER (Specify)

3. SEASON - NUMBER OF DAYS FROM ~~EMERGENCE~~ TO:

0 5 2 FIRST FLOWERING planting 0 5 7 LAST FLOWERING

4. MATURITY (50% Flowering):

0 1 NO. OF DAYS EARLIER THAN 7 1 = ARTHUR 2 = SCOUT 3 = CHRIS
- - NO. OF DAYS LATER THAN - 4 = LEMHI 5 = NUGAINES 6 = LEEDS 7 = Len

5. PLANT HEIGHT (From soil level to top of head): * equal to Len

0 8 2 CM. HIGH
- - CM. TALLER THAN -
- - CM. SHORTER THAN - 1 = ARTHUR 2 = SCOUT 3 = CHRIS
4 = LEMHI 5 = NUGAINES 6 = LEEDS 7 = Len

6. PLANT COLOR AT BOOTING (See reverse):

3 1 = YELLOW GREEN 2 = GREEN 3 = BLUE GREEN
@ anthesis

7. ANTHUR COLOR:

1 1 = YELLOW 2 = PURPLE

8. STEM:

2 Anthocyanin: 1 = ABSENT 2 = PRESENT 2 Waxy bloom: 1 = ABSENT 2 = PRESENT
2 Hairiness of last internode of rachis: 1 = ABSENT 2 = PRESENT 1 Internodes: 1 = HOLLOW 2 = SOLID
0 4 NO. OF NODES (Originating from node above ground) 2 2 CM. INTERNODE LENGTH BETWEEN FLAG LEAF AND LEAF BELOW

9. AURICLES:

2 Anthocyanin: 1 = ABSENT 2 = PRESENT 2 Hairiness: 1 = ABSENT 2 = PRESENT

10. LEAF:

1-2 Flag leaf at booting stage: 1 = ERECT to 2 = RECURVED 2 Flag leaf: 1 = NOT TWISTED 2 = TWISTED
3 = OTHER (Specify): 2 Waxy bloom of flag leaf sheath: 1 = ABSENT 2 = PRESENT
1 Hairs of first leaf sheath: 1 = ABSENT 2 = PRESENT 2 3 CM. LEAF LENGTH (First leaf below flag leaf):
1 3 MM. LEAF WIDTH (First leaf below flag leaf)

6

FORM GR-470-6 (REVERSE)

11. HEAD:

☐ 1 Density: 1 = LAX 2 = DENSE Ave. 60 mm's ☐ 1-2 Shape: 1 = TAPERING to 2 = STRAP 3 = CLAVATE
4 = OTHER (Specify) _____

☐ 4 Awnedness: 1 = AWNLESS 2 = APICALLY AWNLETED 3 = AWNLETED 4 = AWNED

☐ 1 Color at maturity: 1 = WHITE 2 = YELLOW 3 = PINK 4 = RED
5 = BROWN 6 = BLACK 7 = OTHER (Specify): _____

☐ 9.3 CM. LENGTH ☐ 1 0 MM. WIDTH

12. GLUMES AT MATURITY:

☐ 3 Length: 1 = SHORT (CA. 7 mm.) 2 = MEDIUM (CA. 8 mm.) 3 = LONG (CA. 9 mm.) Ave. 8.8 mm's ☐ 3 Width: 1 = NARROW (CA. 3 mm.) 2 = MEDIUM (CA. 3.5 mm.)
3 = WIDE (CA. 4 mm.) Ave. 3.8 mm's

☐ 2 Shoulder shape: 1 = WANTING 2 = OBLIQUE 3 = ROUNDED 4 = SQUARE 5 = ELEVATED 6 = APICULATE ☐ 3 Beak: 1 = OBTUSE 2 = ACUTE 3 = ACUMINATE

13. COLEOPTILE COLOR:

☐ 1 1 = WHITE 2 = RED 3 = PURPLE

14. SEEDLING ANTHOCYANIN:

☐ 2 1 = ABSENT 2 = PRESENT

15. JUVENILE PLANT GROWTH HABIT:

☐ 3 1 = PROSTRATE 2 = SEMI-ERECT 3 = ERECT

16. SEED:

☐ 1-2 Shape: 1 = OVATE to 2 = OVAL 3 = ELLIPTICAL ☐ 1 Cheek: 1 = ROUNDED 2 = ANGULAR

☐ 2 Brush: 1 = SHORT 2 = midlong to mid-sized 3 = LONG ☐ 1 Brush: 1 = NOT COLLARED 2 = COLLARED

☐ - Phenol reaction (See instructions): 1 = IVORY 2 = FAWN 3 = LT. BROWN 4 = BROWN 5 = BLACK

☐ 3 Color: 1 = WHITE 2 = AMBER 3 = RED 4 = PURPLE 5 = OTHER (Specify) _____

☐ 5.8 MM. LENGTH ☐ 3.7 MM. WIDTH ☐ 3 5 GM. PER 1000 SEEDS

17. SEED CREASE:

☐ 1 Width: 1 = 60% OR LESS OF KERNEL 'WINOKA' 2 = 80% OR LESS OF KERNEL 'CHRIS' 3 = NEARLY AS WIDE AS KERNEL 'LEMHI' ☐ 1 Depth: 1 = 20% OR LESS OF KERNEL 'SCOUT' 2 = 35% OR LESS OF KERNEL 'CHRIS' 3 = 50% OR LESS OF KERNEL 'LEMHI'

18. DISEASE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant) 3 = Moderately Susceptible 4 = Moderately Resistant

☐ 2 STEM RUST (Races) ☐ 4 LEAF RUST (Races) field races ☐ 0 STRIPE RUST (Races) ☐ 0 LOOSE SMUT

☐ 0 POWDERY MILDEW ☐ 0 BUNT ☐ OTHER (Specify) _____

19. INSECT: (0 = Not Tested, 1 = Susceptible, 2 = Resistant) 3 = Moderately Susceptible 4 = Moderately Resistant

☐ 0 SAWFLY ☐ 0 APHID (Bydv.) ☐ 0 GREEN BUG ☐ 0 CEREAL LEAF BEETLE

☐ 1 OTHER (Specify) Hessian Fly * Midwest Biotype HESSIAN FLY RACES: ☐ 0 GP ☐ 0 A ☐ 0 B ☐ 0 C ☐ 0 D ☐ 0 E ☐ 0 F ☐ 0 G

20. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED:

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Plant tillering	Len	Seed size	Len
Leaf size	Len	Seed shape	Len
Leaf color	Len	Coleoptile elongation	Len
Leaf carriage	Len	Seedling pigmentation	Len

INSTRUCTIONS

GENERAL: The following publications may be used as a reference aid for the standardization of terms and procedures for completing this form.

(a) L.T. Briggie and L. P. Reitz, 1963, Classification of Triticum Species and Wheat Varieties Grown in the United States, Technical Bulletin 1278, United States Department of Agriculture.(b) W.E. Walls, 1965, A Standardized Phenol Method for Testing Wheat Seeds for Varietal Purity, contribution No. 28 to the handbook on seed testing prepared by the Association of Official Seed Analysts. (See attachment.)

LEAF COLOR: Nickerson's or any recognized color fan should be used to determine the leaf color of the described variety.

EXHIBIT D

ADDITIONAL DESCRIPTION OF CELTIC

Celtic is a hard red spring wheat developed by Nickerson American Plant Breeders Inc. It was tested as the experimental number HS81-55.

Celtic is a tall semidwarf height variety similar in height to Len. Celtic has very good straw strength, medium to early maturity and its milling and baking qualities are very good.

Juvenile growth habit is erect. Plant color at anthesis is blue-green. Flag leaf is twisted and erect to drooping. Head shape is tapering to strap, lax, awned and white at maturity. Glumes are long and wide at maturity with oblique shoulders and acuminate beaks. Seed shape is oval to ovate with rounded cheeks. Seed crease is narrow and shallow. Brush size is midlong and midsized.

Celtic is adapted to spring wheat region of the upper midwest.

EXHIBIT E

STATEMENT OF THE BASIS OF APPLICANT'S OWNERSHIP

Nickerson American Plant Breeders Inc. is the applicant for protection in this case being:

- a) The incorporated business (registered in Delaware) for and within which regular employees have bred the named variety.
- b) The proprietary owner and intending commercial user of the variety.

EXHIBIT F.

AGRONOMIC AND QUALITY DATA

OVER YEAR SUMMARY OF AGRI PRO AND OTHER SELECTED VARIETIES*

<u>Variety</u>	<u>Yield - Bu/A</u>			<u>3-Year Ave.</u>	(10)	(10)	(4)	(11)
	<u>83(2)</u>	<u>84(4)</u>	<u>85(5)</u>		<u>T. Wt. lbs/bu</u>	<u>Ht. cm</u>	<u>Lodg. 1-9</u>	<u>Head. Days</u>
Celtic	61.7	64.5	80.3	69.7	61.0	85.9	2.9	59.1
Wheaton	63.2	68.2	85.4	73.3	60.0	79.9	3.7	60.0
Norseman	59.5	68.4	87.1	72.9	59.5	77.8	2.0	61.0
Marshall	61.7	65.1	86.1	72.2	60.7	80.9	3.3	61.1
Stoa	66.0	65.4	77.7	70.3	60.8	98.2	3.6	59.0
Era	59.7	58.8	84.0	68.8	60.8	81.4	5.7	62.4
Len	57.9	63.7	77.5	67.2	60.5	84.9	2.3	60.0
Butte	52.1	57.9	69.9	60.7	61.2	92.4	4.8	56.8

* () indicates number of observations, all data from Red River Valley Nurseries.

NAPB and Cereal Rust Laboratory Disease Data, 1983-85

Variety	Tan Spot, 1-9				Septoria, 1-9				St. Paul, MN Rust Nursery			
	(3)	(5)	(4)	Avg.	(2)	(5)	(4)	Avg.	Leaf Rust		Stem Rust	
	83	84	85		83	84	85		84	85	84	85
Celtic	3.4	5.1	5.0	4.6	5.1	5.0	5.0	5.0	5MS-S	TS	TMR	0
Stoa	6.2	6.2	5.6	6.0	6.7	5.8	5.4	5.8	--	TMR	--	TMR
Butte	7.3	6.0	6.1	6.3	7.9	6.6	5.8	6.5	10S	80S	5R	10MR
Len	7.3	6.0	6.1	6.4	7.7	7.4	5.8	6.8	--	40MS-S	--	0
Wheaton	4.0	5.9	5.5	5.3	6.4	5.7	5.8	5.9	--	TMS	--	0
Marshall	2.8	5.3	5.3	4.7	5.3	5.9	5.0	5.5	--	TMS	--	0
Era	4.2	5.4	5.6	5.2	5.3	5.1	5.6	5.3	10MS-S	TS	TR	0

* () - indicates number of observations, all data from Red River Valley nurseries.

YEAR: 1985

AGRI PRO SEEDS
HARD RED SPRING WHEAT QUALITY

YEAR	SAMPLE NAME	LOC	WHEAT--FLOUR QUALITY										BAKING QUALITY										MILL SCORE	BAKE SCORE	TOTAL SCORE
			TEST WT.	WHT PROT	FLR YLD	FLR PROT	FLR ASH	MIX CURVE	ABS. %	MIX TIME	DOUGH CHAR	LOAF VOL	CRUMB			COL									
			lb/Bu	14%mb	%	14%mb	14%mb	R	%	min	R	cc	GRN	TEX	R										
83	CELTIC	CX	60.6	14.8	72.6	13.3	0.439	7	64.0	3.5	8	985	8	8	9	90-A	99-B	179-B							
83	CELTIC	CY	59.4	14.8	71.9	13.5	0.458	5	62.0	4.5	8	1000+	9	9	9	95-B	90-A	175-B							
84	CELTIC	SP	62.8	14.2	73.3	12.7	0.411	7	65.0	3.5	7	920	8	8	8	87-B	87-B	174-B							
84	CELTIC	HU	61.8	14.6	73.1	13.1	0.470	7	65.0	3.5	8	940	8	8	8	90-A	84-B	174-B							
84	CELTIC	CY	61.4	15.6	71.5	14.2	0.416	7	66.0	2.8	8	910	8	8	8	90-A	84-B	174-B							
84	CELTIC	CX	62.6	14.0	69.7	12.5	0.374	6	64.0	4.3	8	920	8	8	9	79-C	87-B	166-B							
85	CELTIC	ST	60.3	14.3	69.1	12.7	0.343	8	65.0	3.3	8	980	8	8	8	84-B	89-B	172-B							
85	CELTIC	ST	60.5	14.6	68.4	13.1	0.343	8	65.0	3.5	7	970	6	8	9	86-B	88-B	174-B							
85	CELTIC	CX	56.9	14.6	66.6	13.2	0.403	7	64.0	3.8	8	970	7	8	8	75-C	83-B	158-C							
85	CELTIC	CX	58.6	14.4	68.1	12.7	0.395	8	64.0	3.5	7	930	7	8	8	81-B	84-B	165-B							
85	CELTIC	CY	60.8	14.9	69.0	12.8	0.331	7	64.0	4.0	7	1000	7	8	8	83-B	89-B	171-B							
85	CELTIC	CY	60.9	14.8	70.1	13.5	0.395	6	64.0	3.8	8	930	7	9	8	86-B	86-B	172-B							
	AVERAGE		60.6	14.6	70.3	13.1	0.398	7	64.3	3.7	8	942	8	8	8	87-B	86-B	173-B							
83	LEN	CX	59.4	14.7	73.1	13.9	0.439	8	65.0	3.5	8	1000	8	9	9	95-A	94-A	189-A							
83	LEN	CY	57.5	15.0	72.0	14.2	0.461	7	65.0	5.0	8	1000+	9	9	9	89-B	93-A	182-A							
84	LEN	SP	62.3	14.9	74.3	13.6	0.417	8	68.0	3.5	7	940	8	8	9	95-A	88-B	183-A							
84	LEN	HU	61.7	15.3	74.7	13.8	0.440	8	66.0	3.8	8	910	8	9	8	95-A	89-B	184-A							
84	LEN	CY	61.2	15.2	72.8	13.9	0.391	7	67.0	2.8	8	940	8	9	9	92-A	87-B	179-B							
84	LEN	CX	61.9	13.9	71.4	12.3	0.374	6	65.0	5.5	8	940	8	8	8	79-C	84-B	163-B							
85	LEN	ST	59.8	13.7	70.7	12.4	0.371	9	67.0	3.5	7	820	5	8	7	85-B	79-C	164-B							
85	LEN	ST	60.7	14.6	69.9	13.2	0.351	8	65.0	4.0	7	1000+	7	8	8	88-B	89-B	177-B							
85	LEN	CX	57.5	14.5	66.7	13.3	0.387	8	66.0	4.0	8	920	7	7	7	79-C	84-B	163-B							
85	LEN	CX	58.9	14.8	66.8	13.2	0.372	9	67.0	4.0	8	920	7	9	8	84-B	88-B	172-B							
85	LEN	CY	60.0	15.1	69.6	13.1	0.350	9	67.0	4.0	8	1000	8	9	9	91-A	94-A	185-A							
85	LEN	CY	60.0	14.8	67.8	12.9	0.352	7	65.0	5.0	8	1000+	7	8	8	80-B	89-B	169-B							
	AVERAGE		60.1	14.7	70.8	13.3	0.392	8	66.1	4.1	8	962	8	8	8	90-A	90-A	180-A							

GRADES: A-EXCELLENT B-GOOD C-ACCEPTABLE D-QUESTIONABLE F-UNACCEPTABLE
 R-RATINGS: 9-10=EXCELLENT 8=GOOD 7=ACCEPTABLE 5-8=QUESTIONABLE 1-4=UNACCEPTABLE